

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-207592  
(43)Date of publication of application : 07.08.1998

(51)Int.Cl.

G06F 3/00  
A61B 5/05  
G06F 3/02  
G06F 3/02  
G06F 3/033  
G06F 3/14

(21)Application number : 09-041348

(71)Applicant : TECHNOS JAPAN:KK

(22)Date of filing : 20.01.1997

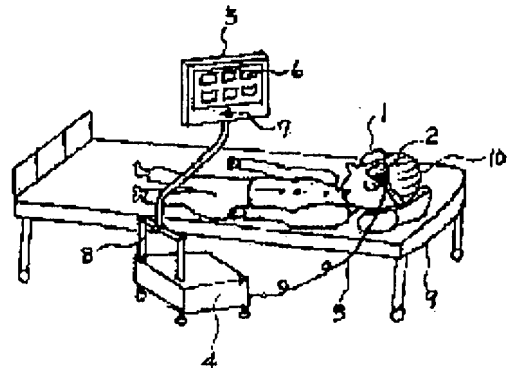
(72)Inventor : ONISHI HIDENORI

## (54) INTENTION TRANSMISSION DEVICE UTILIZING LIVING BODY SIGNAL

(57)Abstract:

PROBLEM TO BE SOLVED: To intentionally communicate human's intention to others in a voice, letters, etc., without using hands, feet, a mouth, etc., by electrically detecting human myoelectric, electrooculographic, and electroencephalographic living body signals, etc., and combining them with software switches which are generated and displayed on a computer or electronic circuit.

SOLUTION: A living body signal detected by a goggle type headgear 1 is amplified by a detector 2 and supplied to a control part 4 through a signal cable 3. A user visually confirms software switches on a display unit 5 and intentionally generates a living body signal when a software switch 6 where desired contents of intention to be communicated are displayed is swept and displayed. This living body signal is an myoelectric, electrooculographic, or brain wave signal, etc., and which of them is used is freely selected. Once the living body signal is generated, One of sweep displays of software switches 6 and AND output are obtained through the operation of the control part 4 and the contents of intention to be communicated are outputted in a voice or sound from a speaker 7 and in letters on the display surface of a display unit 5.



## LEGAL STATUS

[Date of request for examination]

14.01.2004

[Date of sending the examiner's decision of rejection] 20.06.2006